

1995. Central States Field Trip.

May/June 1995 - 100

Re

ST

BOOK

Please return to:

May 26 - June 14, June R P Ross
1995. Dept. of Biology

Book 2
of 2 books

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University
Bellingham WA 98225



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- also ^{some} Nevada ISUS meeting notes -
June, 1995

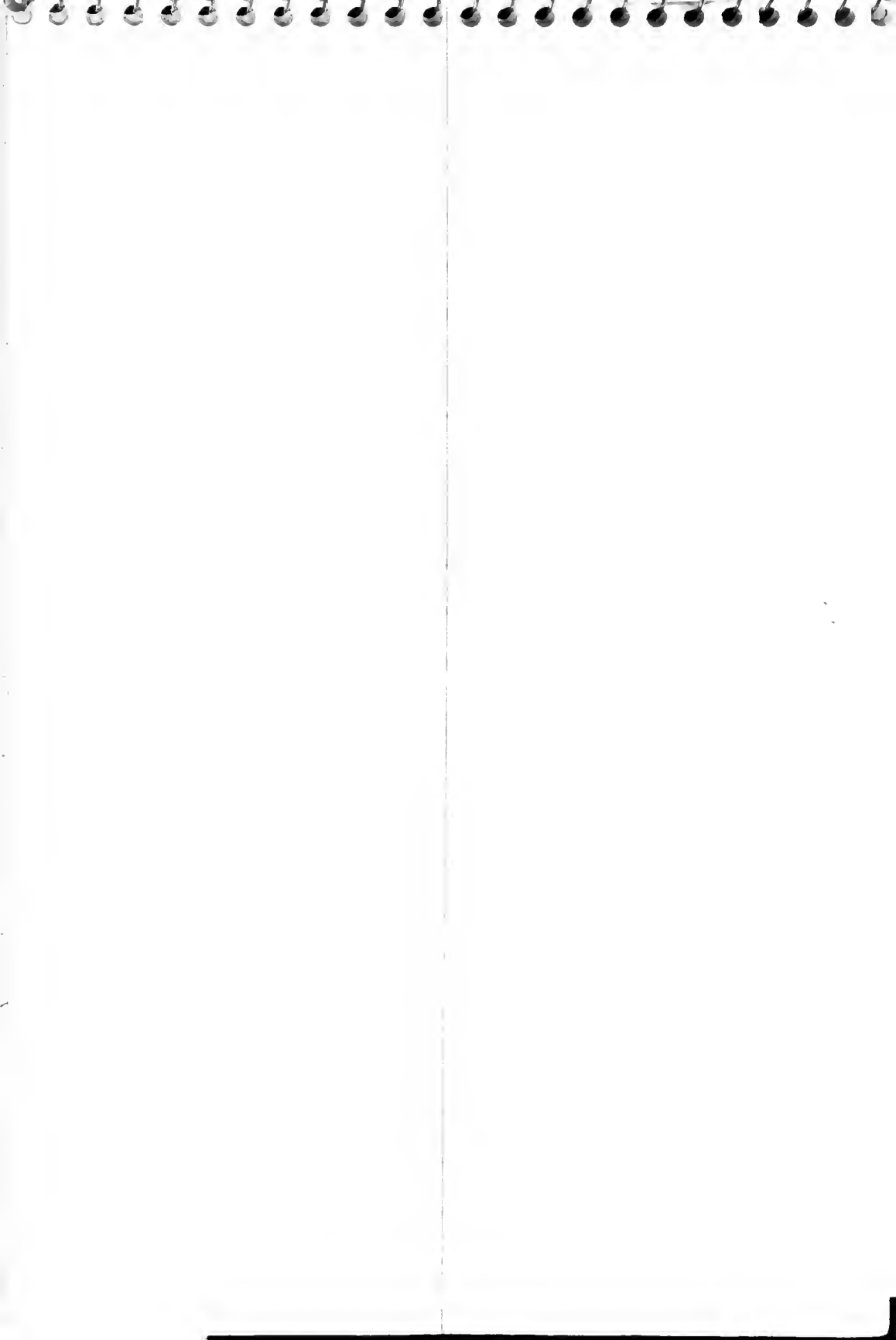
IPAR 003202



1. The first part of the paper is a blank page.

T.

5



2 15/16' photos of ...
 is there is + ...

August 22 - step 1

Rope

ft Pleasant

LS edge 3" to 8" to 12" thick. P/W photo

separated by ... shale 1" thick

with them 1" some bands

Some of the thin ...

... bedded ...

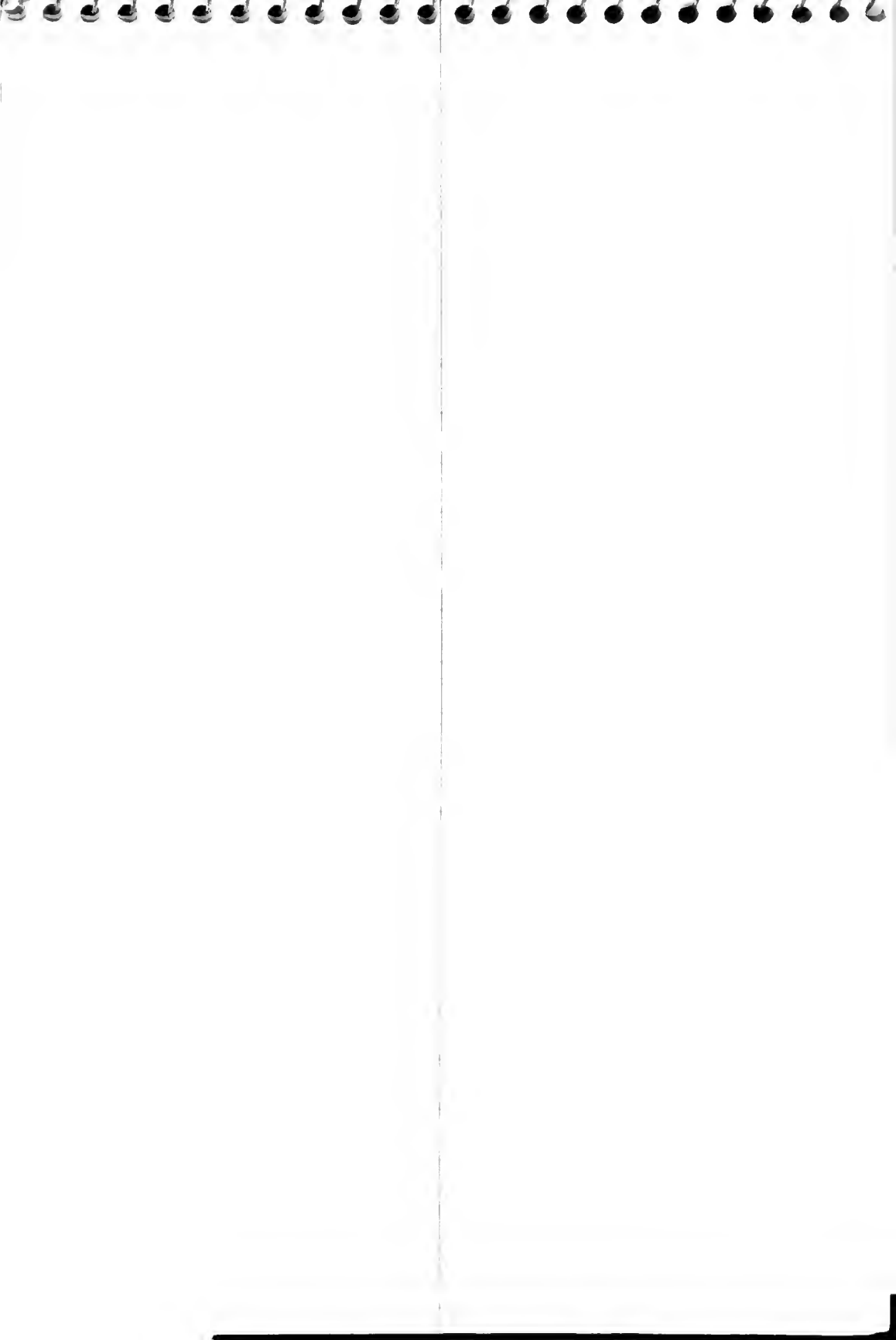
2-3' ...

... are ...

...

65'





5.20 (H) Nigrescent. Stop 2 -

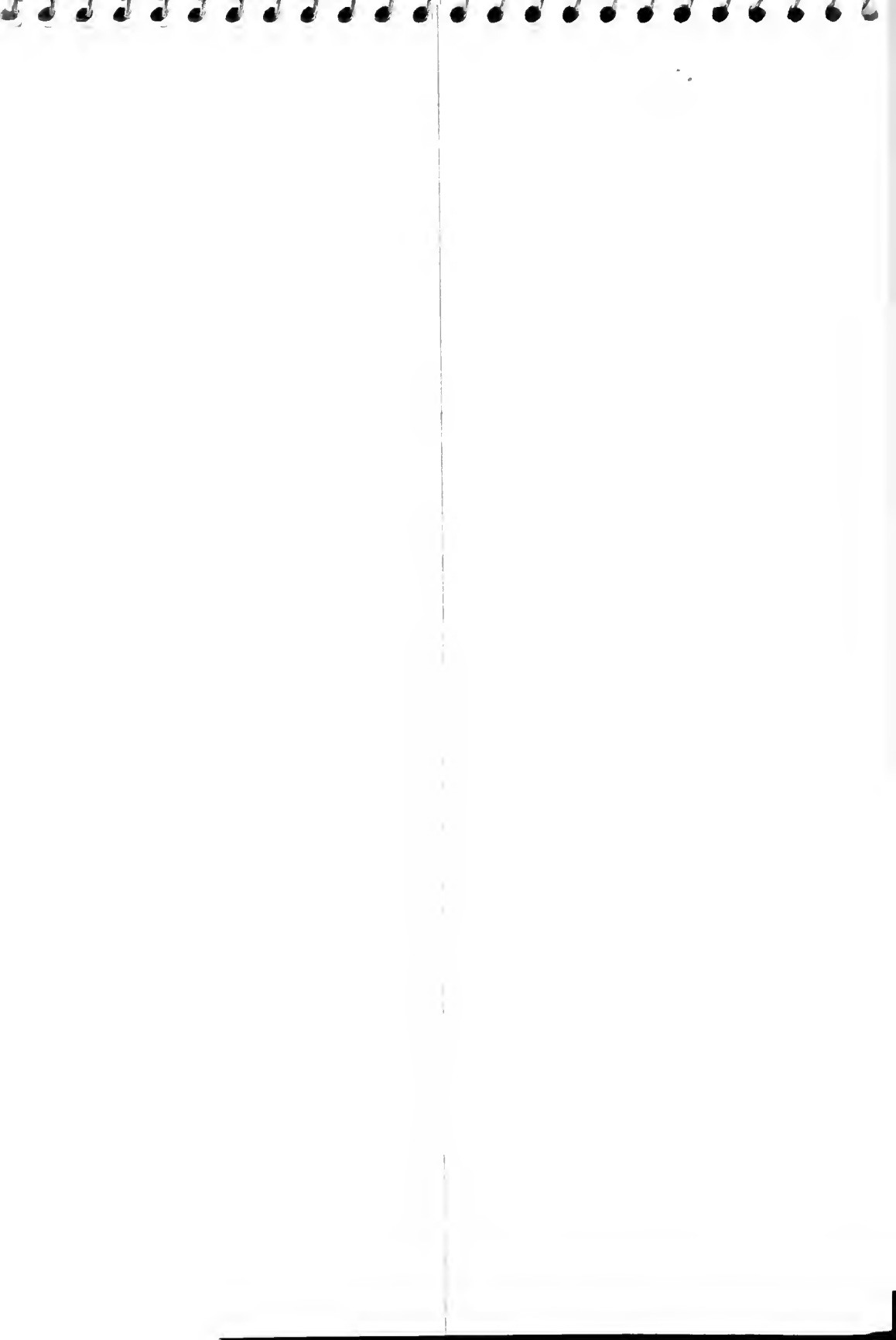
- Lenses interspersed with ~~thin~~ **thick** beds

beds of limestone and sandstone
conglomerate with small clasts, some
bed of small columnar (concretions) -

interbedded with massive bedding, nodular.

Some blue gray sandstone/shale associated with fossil
concretions. Burrows and ~~small~~ small holes

show in gray



47

Siltstone, calcareous, laminated
2"-6" beds, prominent ridges

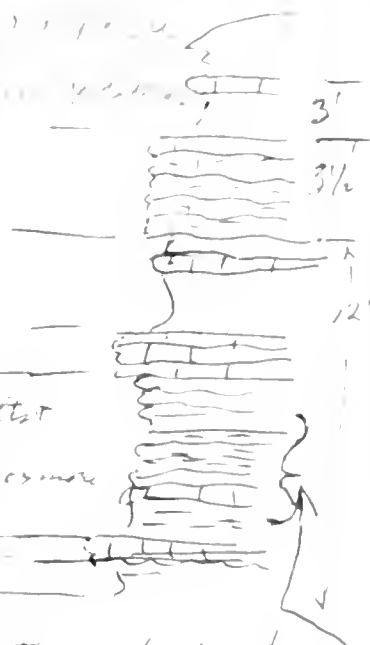
Calcareous, fossil, 2"-5" beds

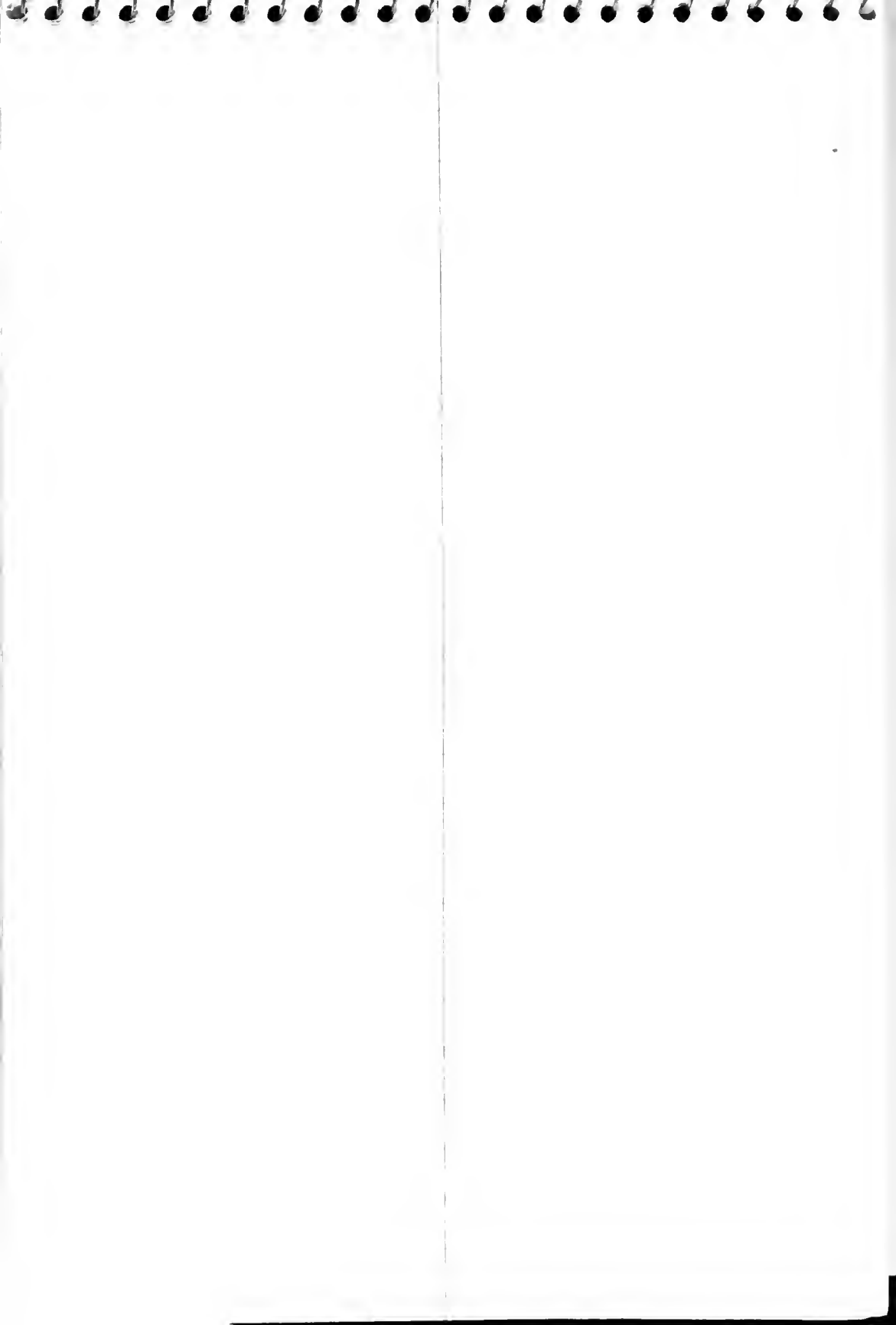
Calcareous and siltstone and sandy, heavy siltstone
in 2" to 3" beds, shale makes up 50% or more
of this interval

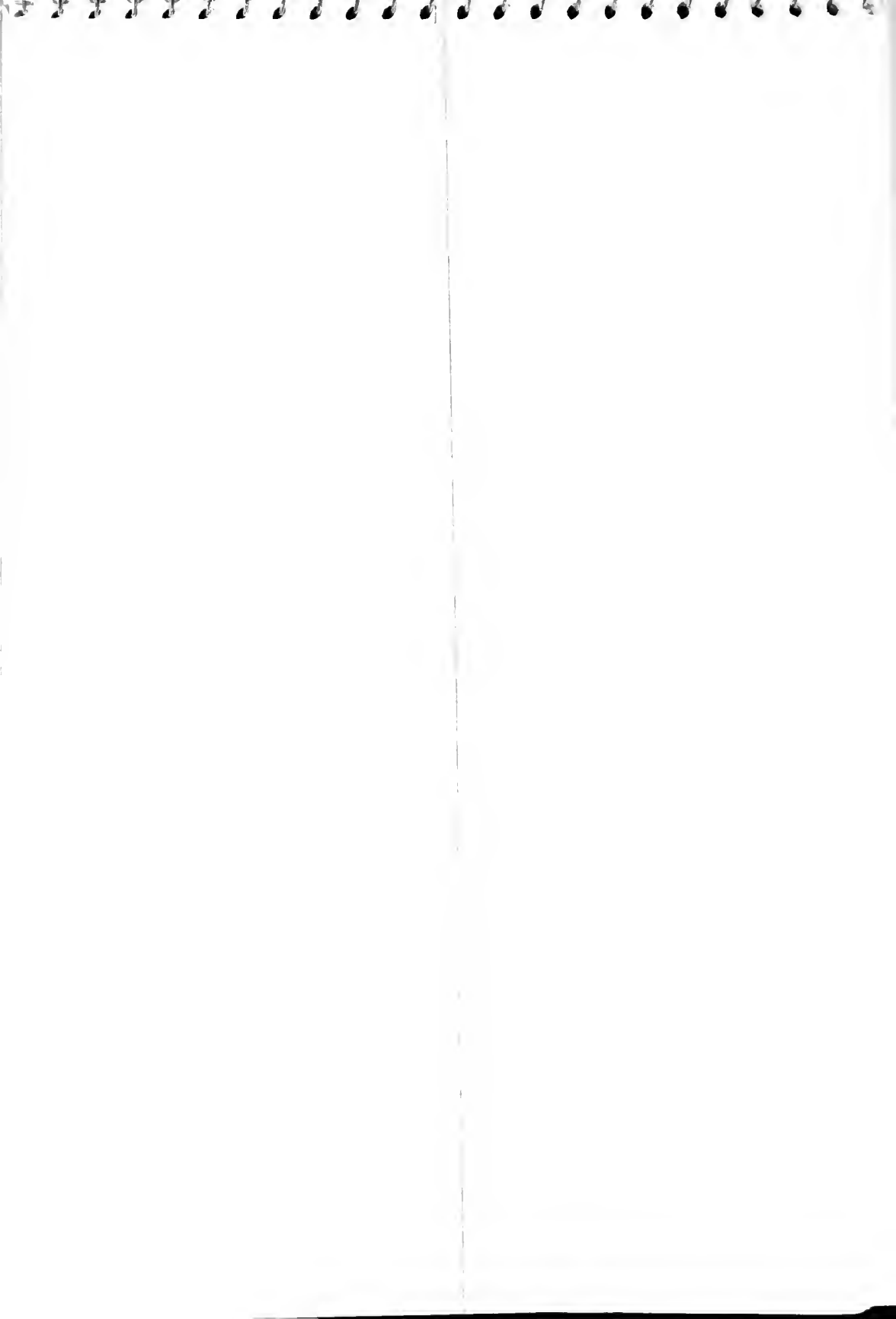
Calcareous 5"
Silt + thin calcareous } parting lot

Collection T/26/45/B

See J H Pock, 1966, USGS Bull 1244B, p B-4 + B-5
The locality is in the Buckhorn unit.







— Kentucky 7 has a series of well. under j. -
from Mingo to Green stone

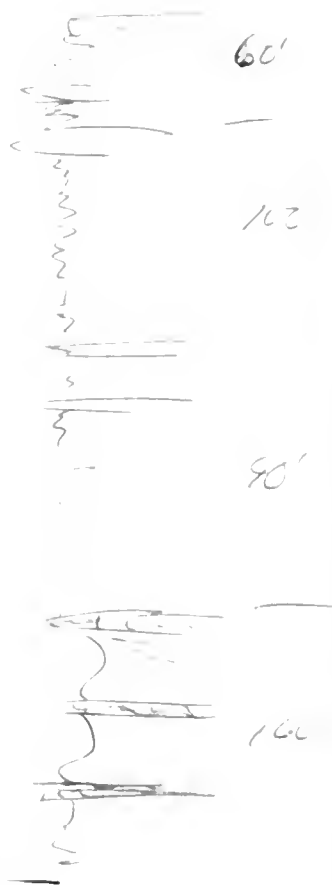
Section across a 'shale' up from Mingo to
to southeast edge of Lexington

Hope seems to extend (shale) upwards into
overlying lower part of Bed 1.
Most of the shale is thick & thin

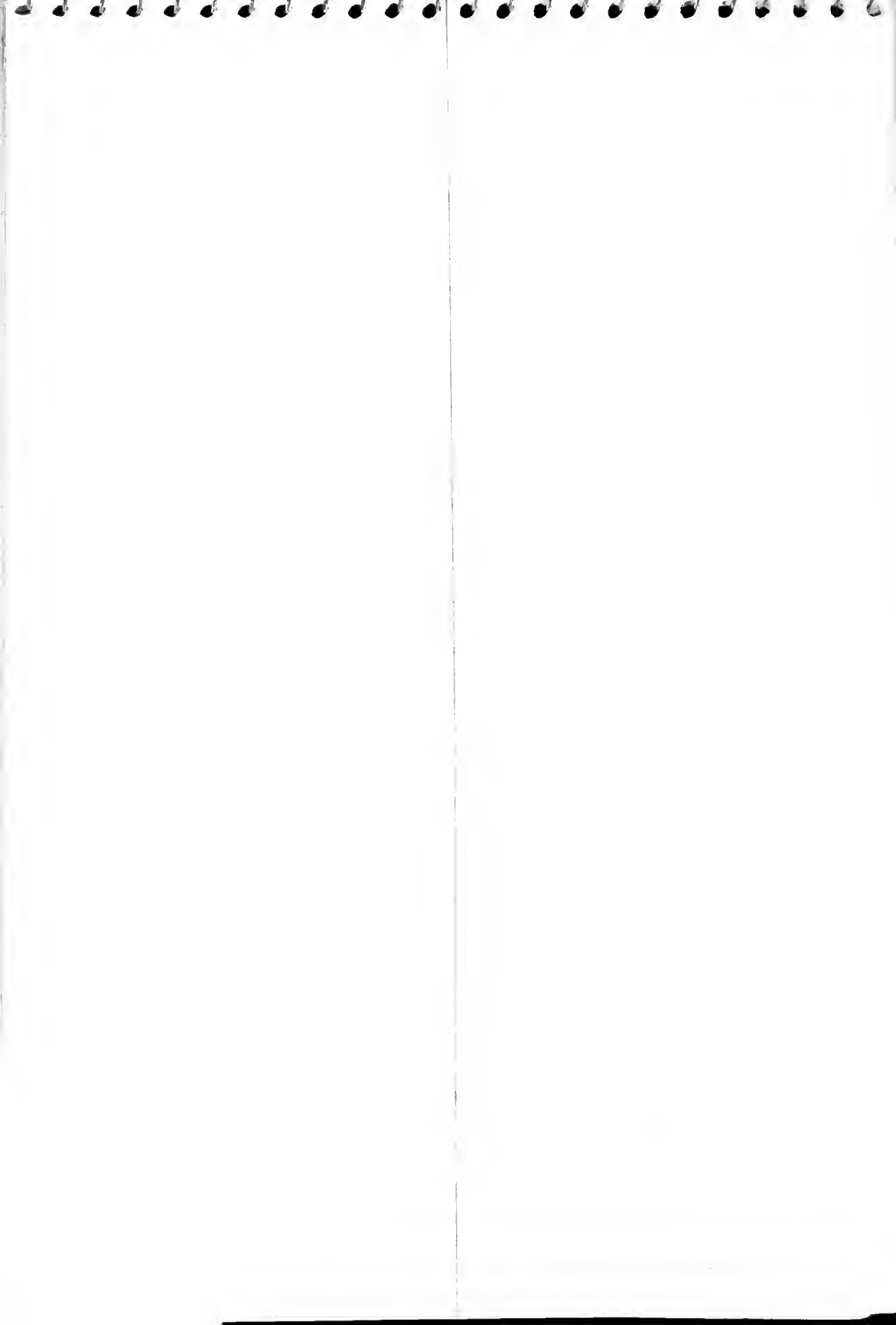
fine, roughly ls. beds and
some red

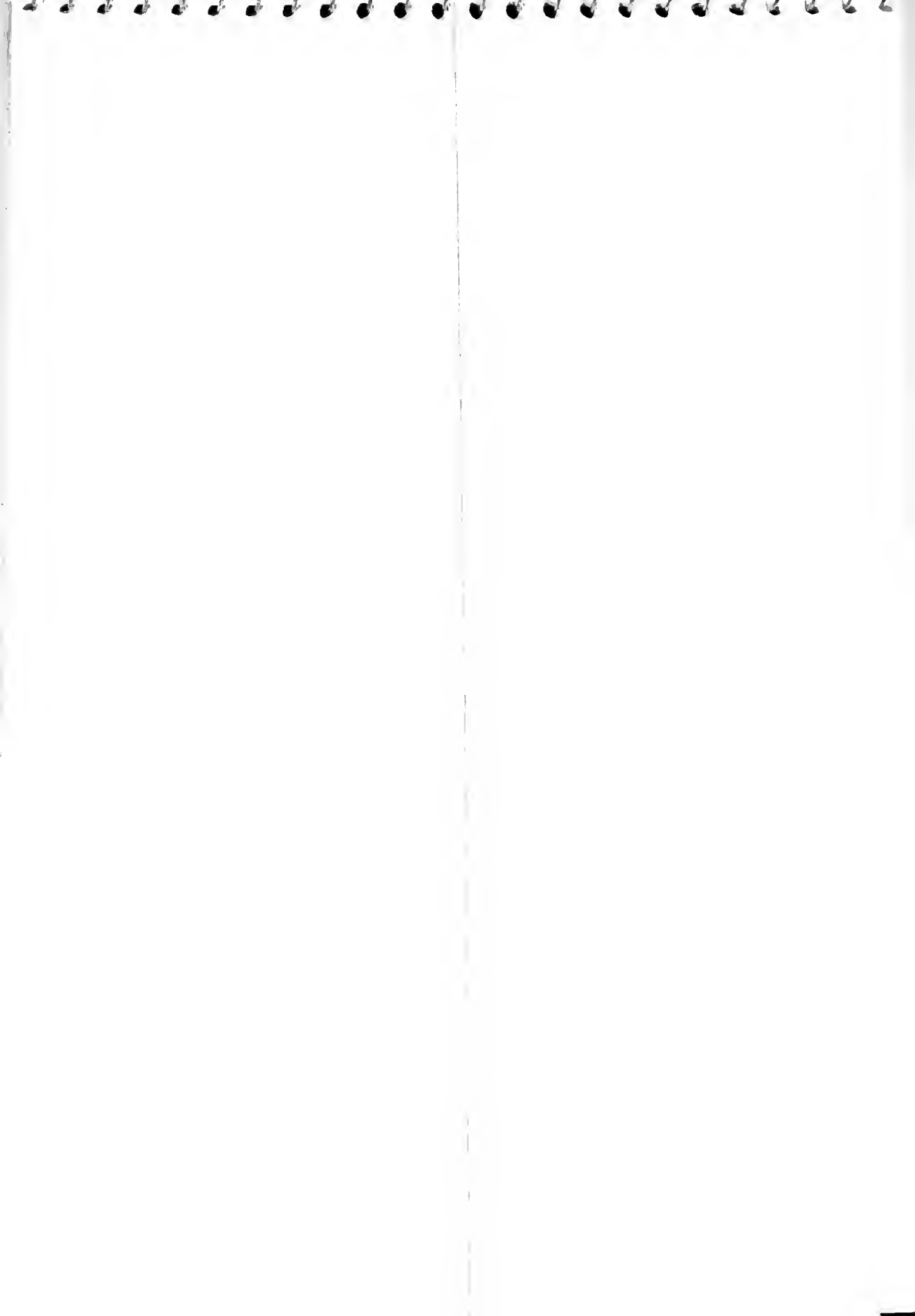
Shale thick & thin to pinpoints
7 1/2 to 2" ! in 150 yards

Ls with thick shale
interbeds



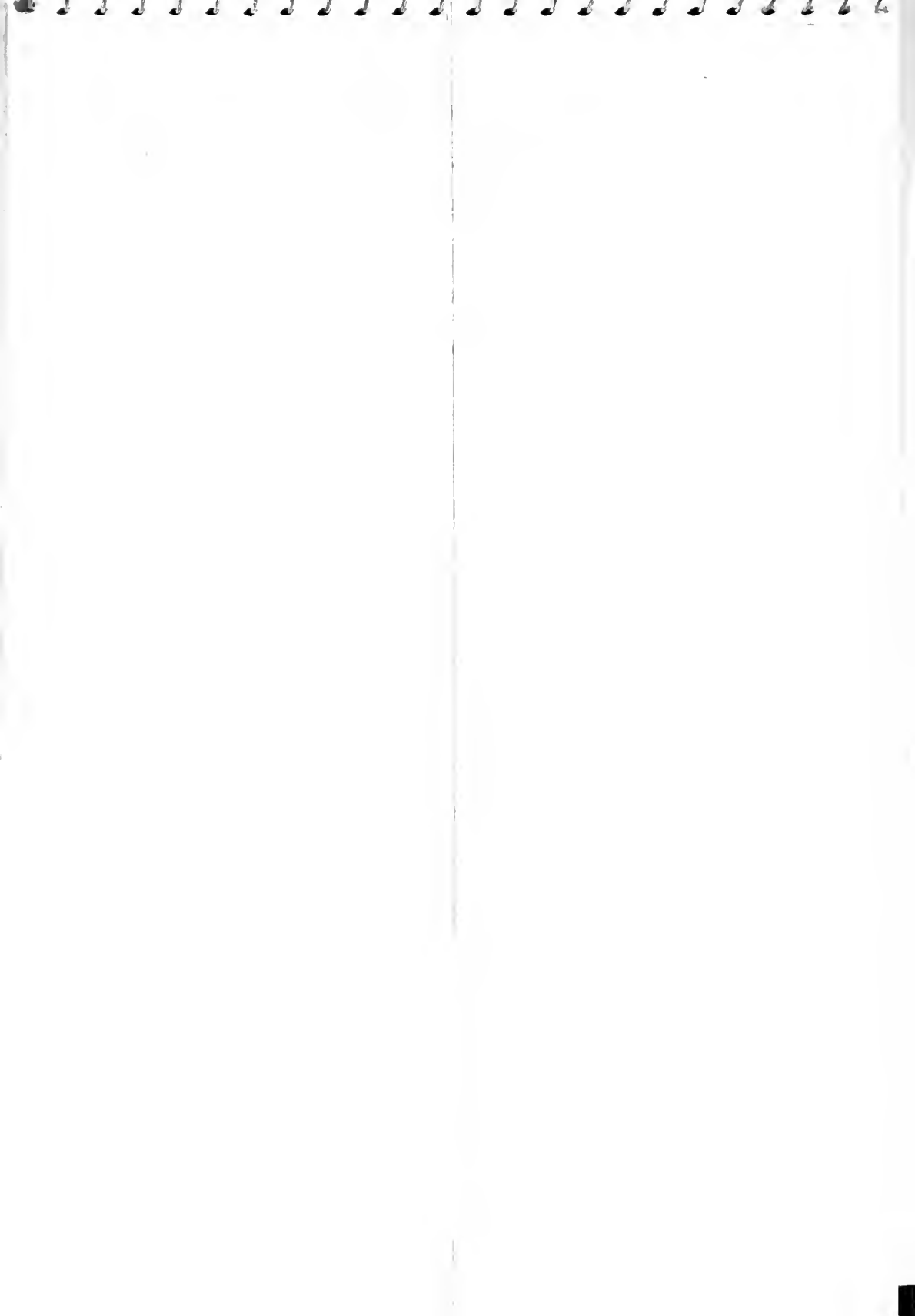
Drove to Flemingsburg to try to locate a Holland exposure
there, but we were unable to locate it; seems
to be all grass covered. Perhaps Holland's description of
locality is not correct?



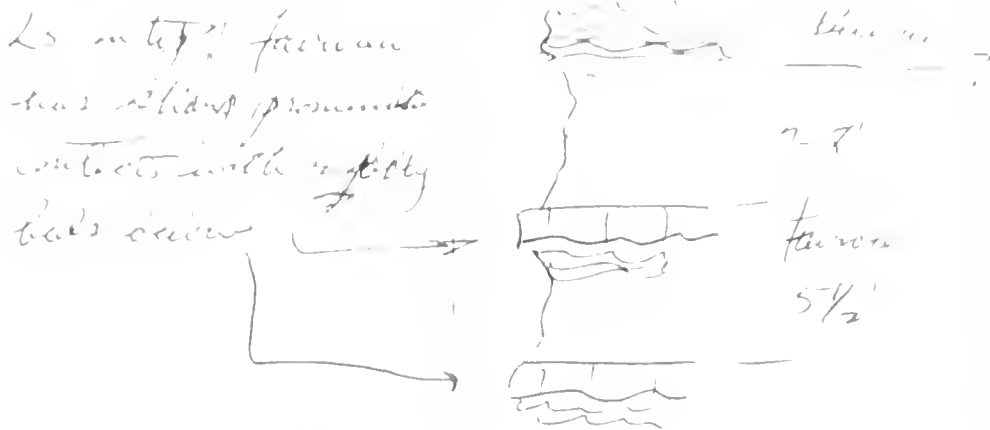


Here are 2m cycles of alternating calcareous ^{part} limestone
 over 10 m. Funnies include some & no. even to an extent
 (During area of road is cut a slight ridge of sand
 Funnies are have ripples 1"-2" high and 2' between crests

Collection 5/27/95 A - bryozoans from lower part of
 Funnies I 30' above base of formation



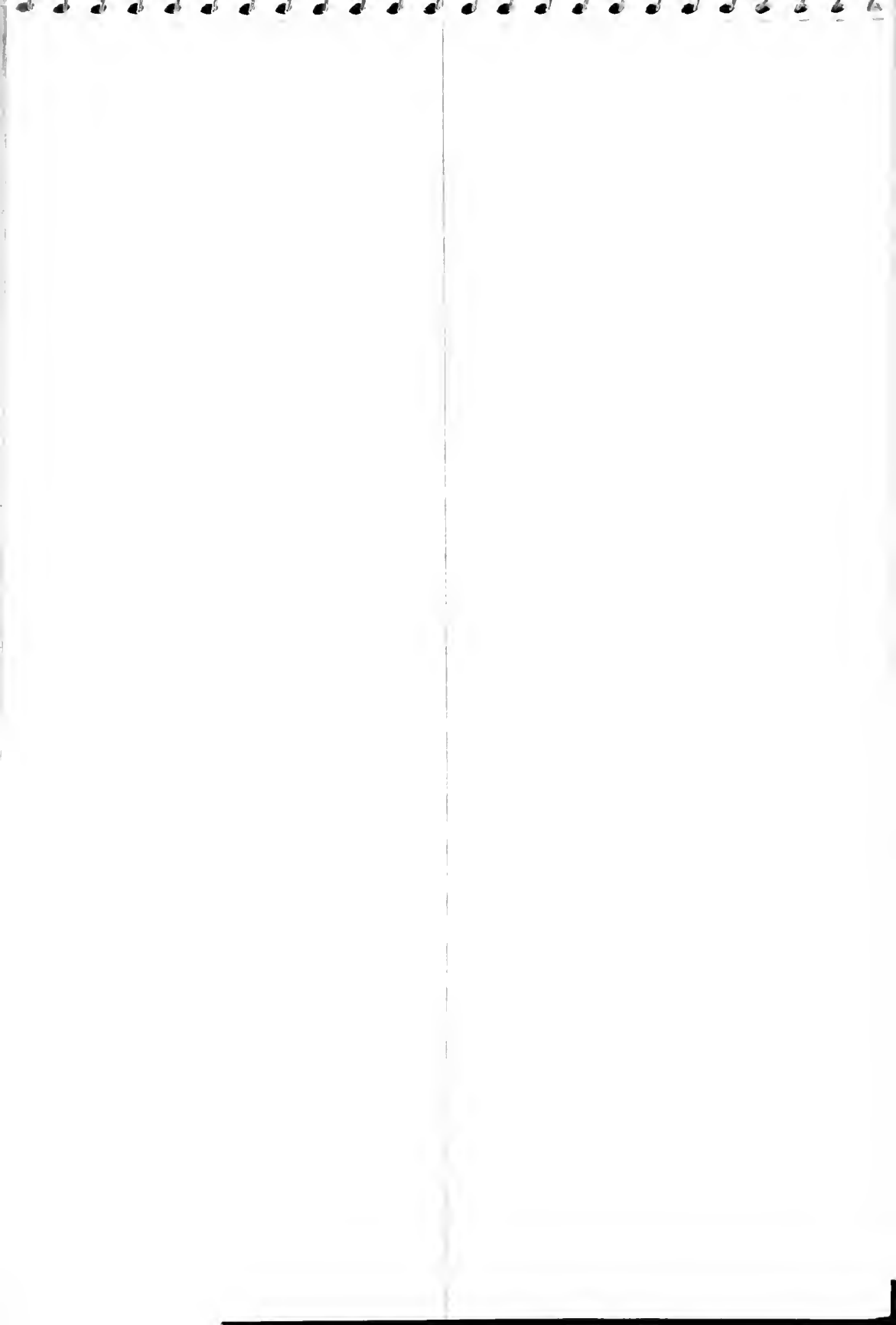
5/27/15 2 8/16 plate set by J. Linsen (Linsen) well.
 Because of thin upper layer with a 1' 1/2
 sand (Linsen sand) at about 12'



See p 55 & others

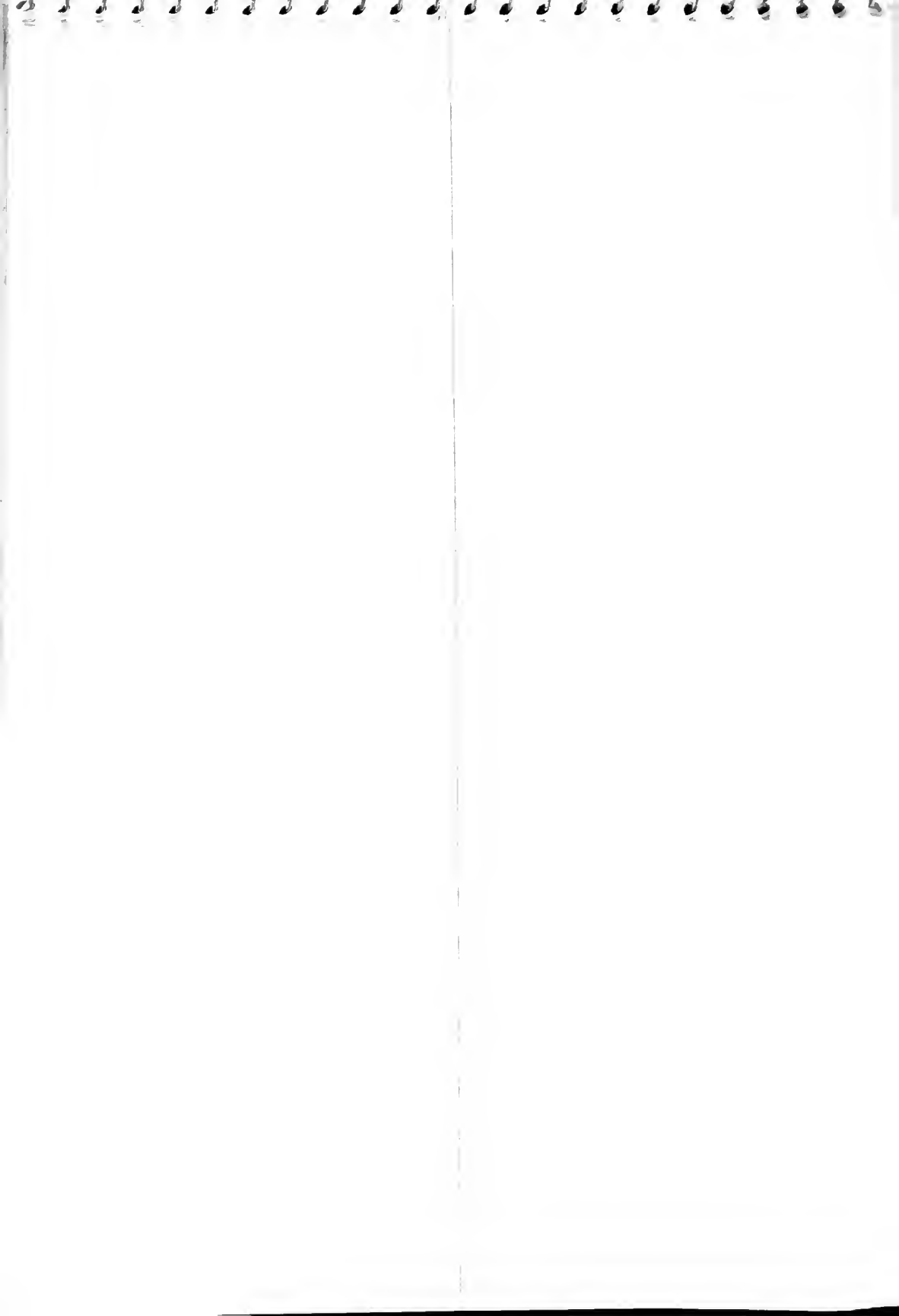
most as

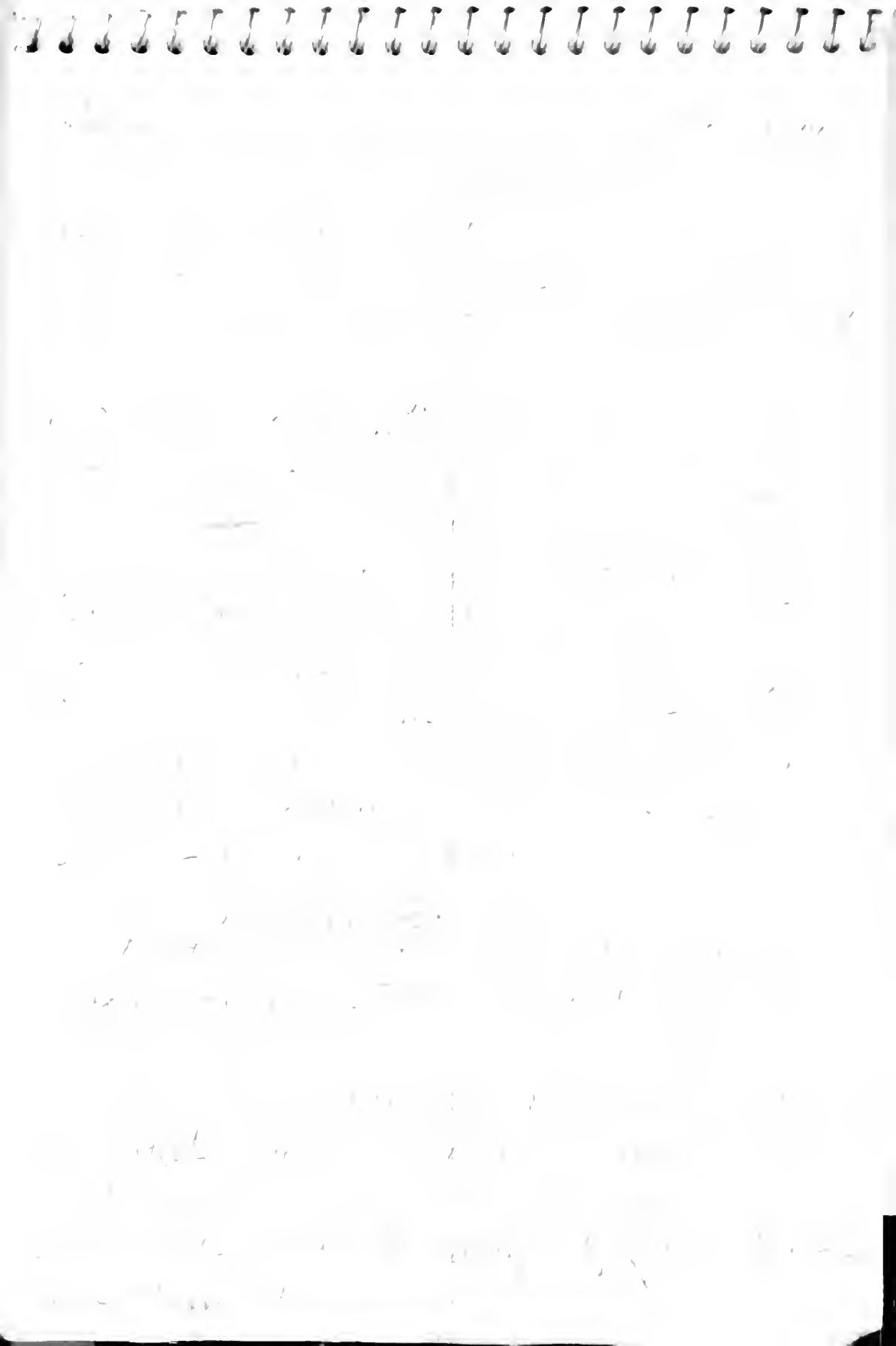
See also Reference in Digest, T. and
 Lathrop, B. 1942 GSA Tr. - May Kentley? Oct 25/42.

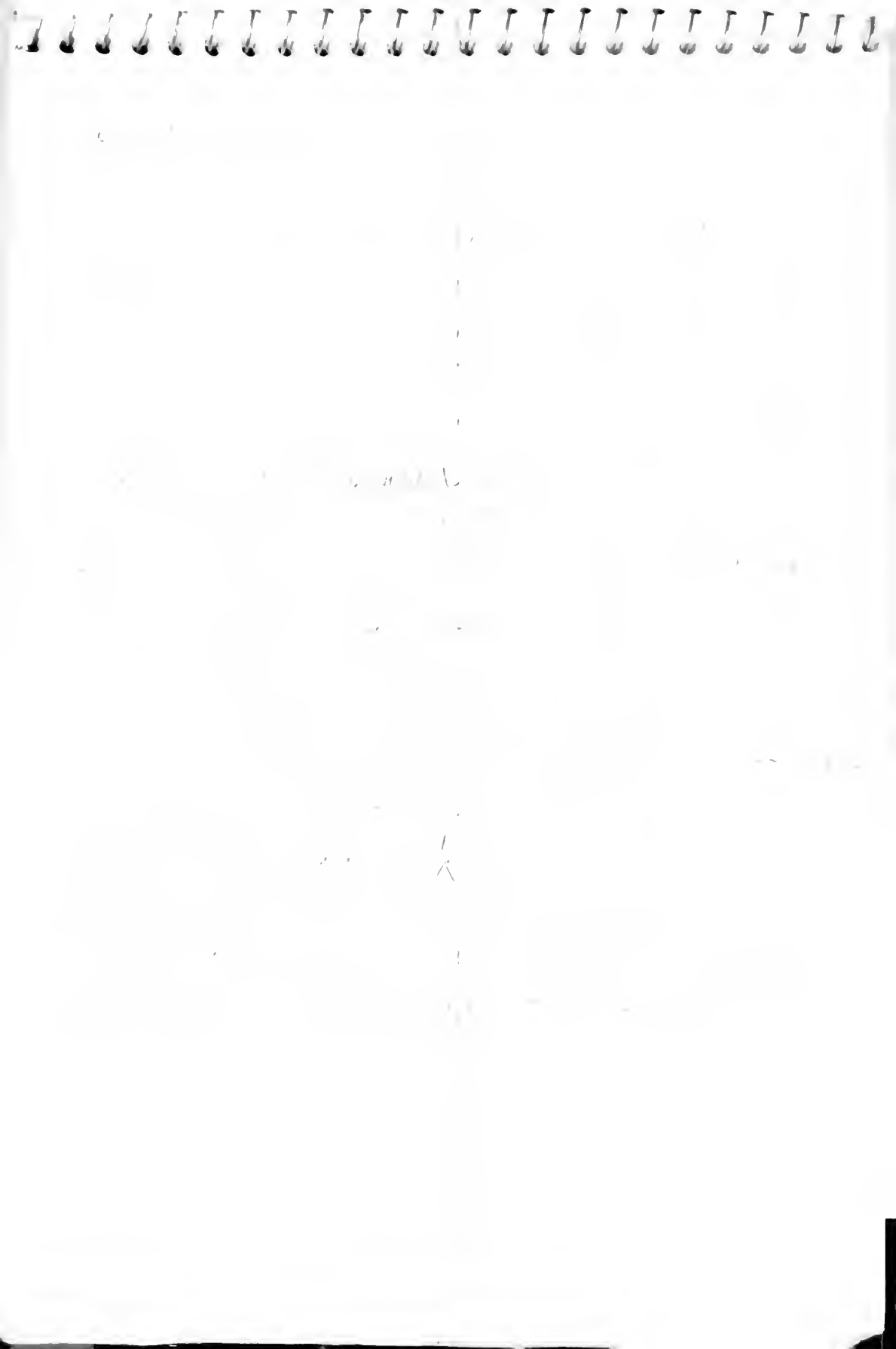


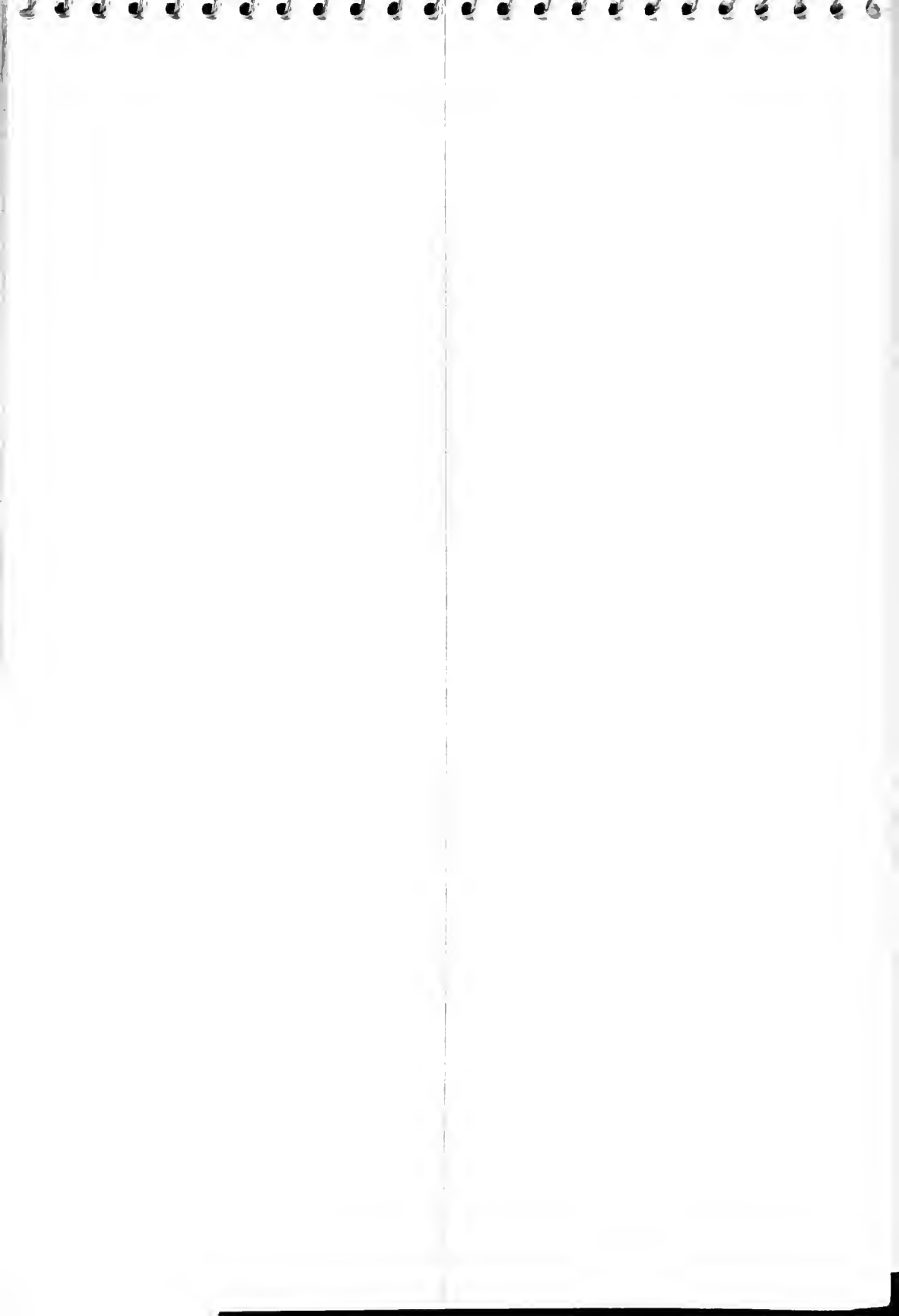






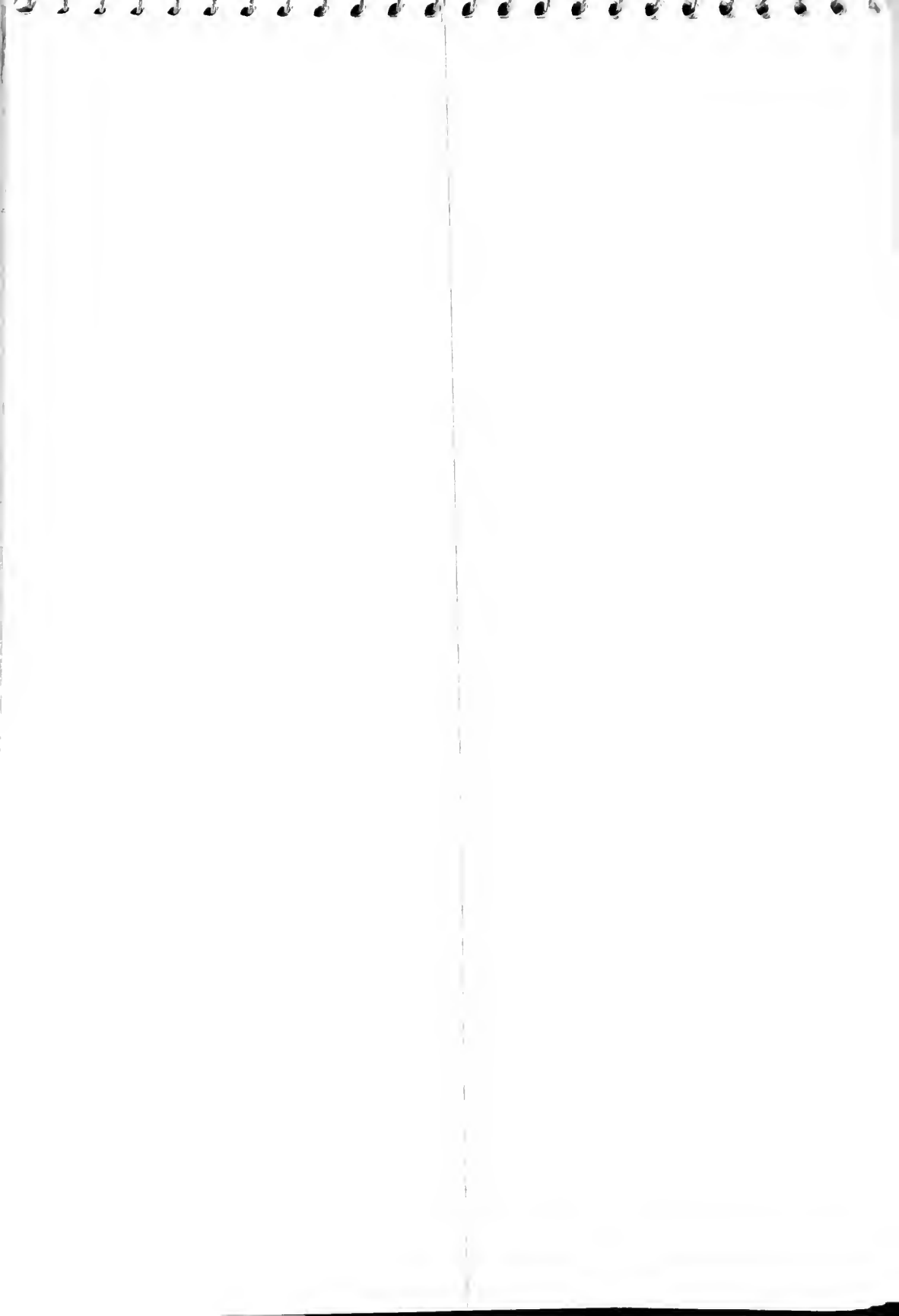






1. 2. 3.

but not in part



(H9)

shelly fossil

5/31/45/D

Massive weathering siltstone
1 section approx 2'

very bedded siltstone

+ ls. with large masses
a few thin old siltstone
Siltstone

Siltstone bed

LS + siltstone

5/31/45-B

4" to 6" beds

Siltstone weathering, 2'-4" vague bedding

LS bed, very discontinuous 2" to 3"

LS, blocks, (Tetradium?), coarse 4"-6"

Discontinuous interval between siltstones
above and below LS + siltstone above

LS + siltstone in approx 3'

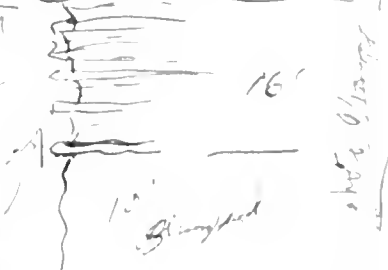
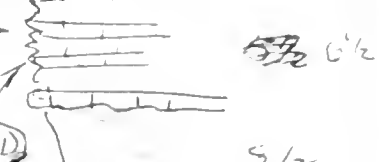
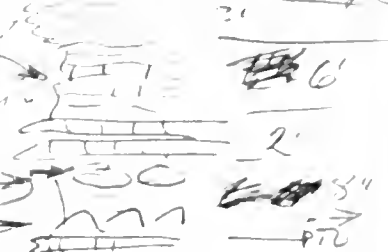
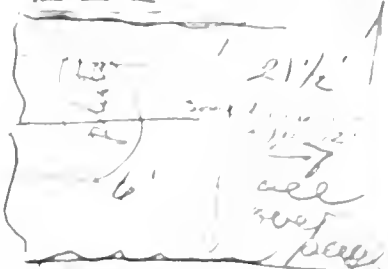
LS, irregularly bedded, 4" to 6", even
stems common, with about equal
amounts of siltstone,

very shaly in top 6'

Siltstone, greenish gray, blocky, wavy, bryozoan
some burrows, with corals common, lamination

2"-4" beds which thicken & thin
in 10m along section

5/31/45 A



PTO "A" 2 beds with coral heads "Pocoferratus" lower one is
jumbled up (reworked?) (joints)

Discovered that ^{with intent} 2 collections were
labelled 5/3/14/51A. We have also labelled
the collections 5/3/14/51B, & 5/3/14/51C
but it is only our "guess" that
the smaller collection came from
higher in the section. - thinking
that this collection has the
"Homotrypa" horizon.

~~But~~ we need to check the
sample.

5/31/95

sharp contact

Dele massive
massive

Lower Pennsylvanian

19'

shale beds

Shale, gray, silty

9'

with silty upper part

Deleat 2' - 3' silty + silty
interbeds

Deleat 6" to 15" -

Deleat
with columnar, silty

~~Hydrated~~ Shale, dk brown to dk,

cracked, ex pyritic lgs

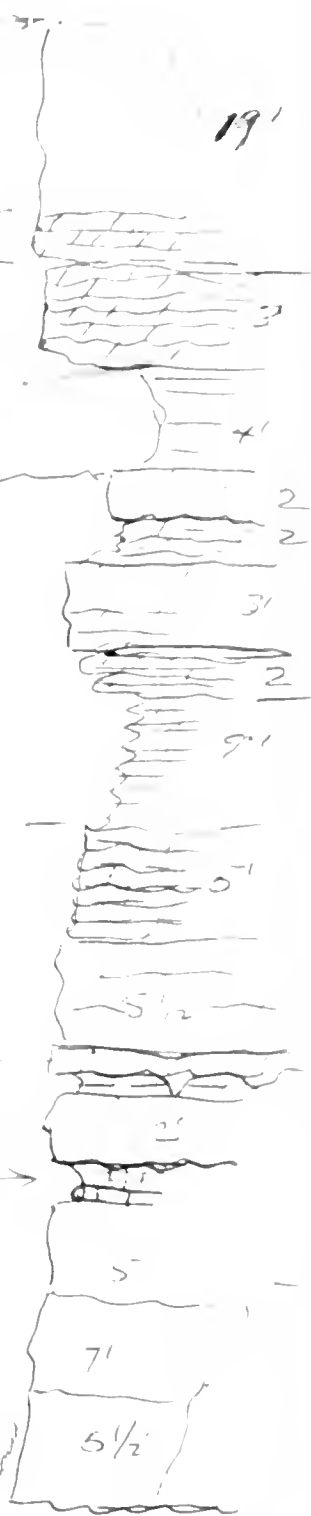
Dark silty, massive

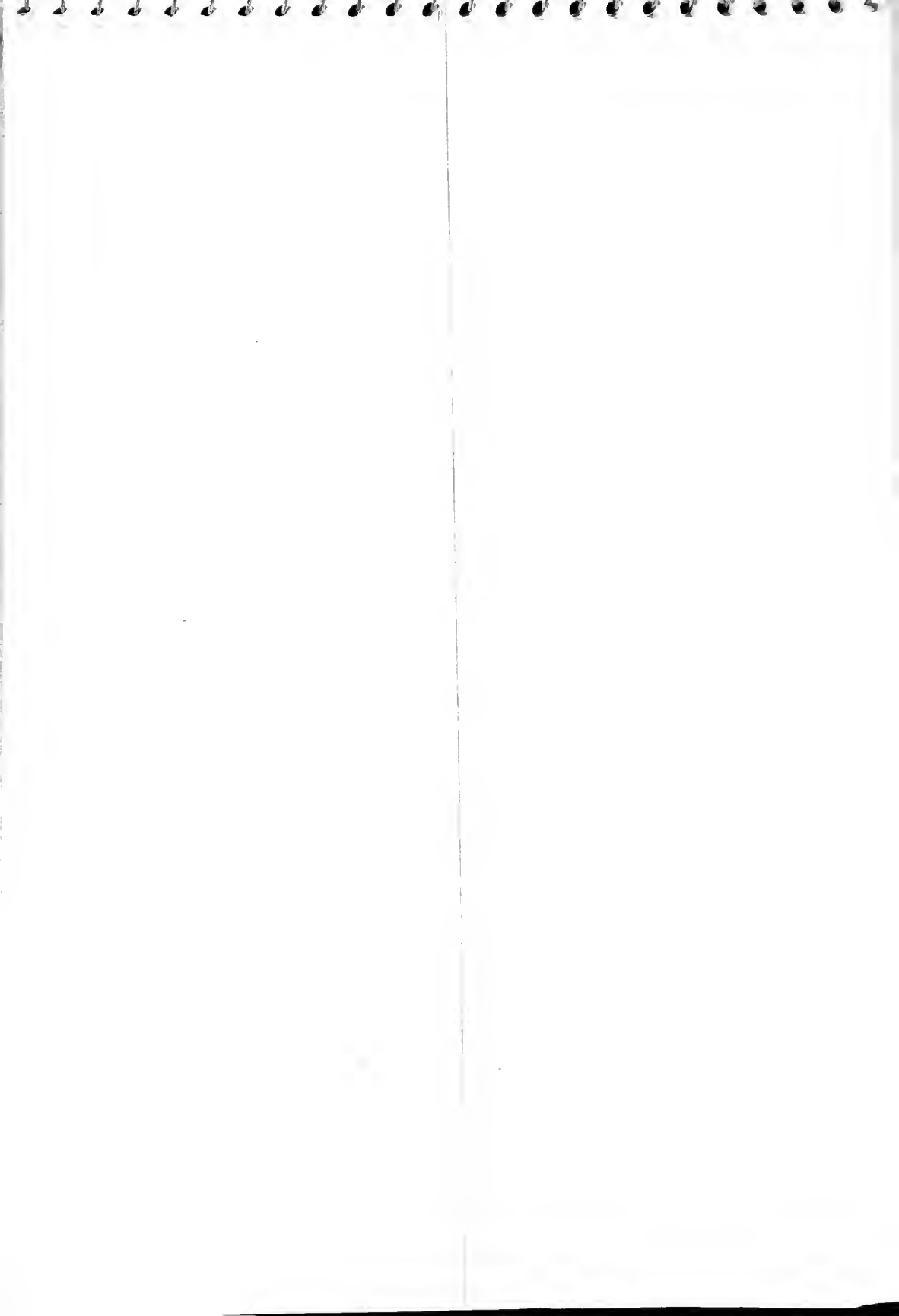
5/31/95/C

phosphate

white fill

more
hydrocarbon
buried





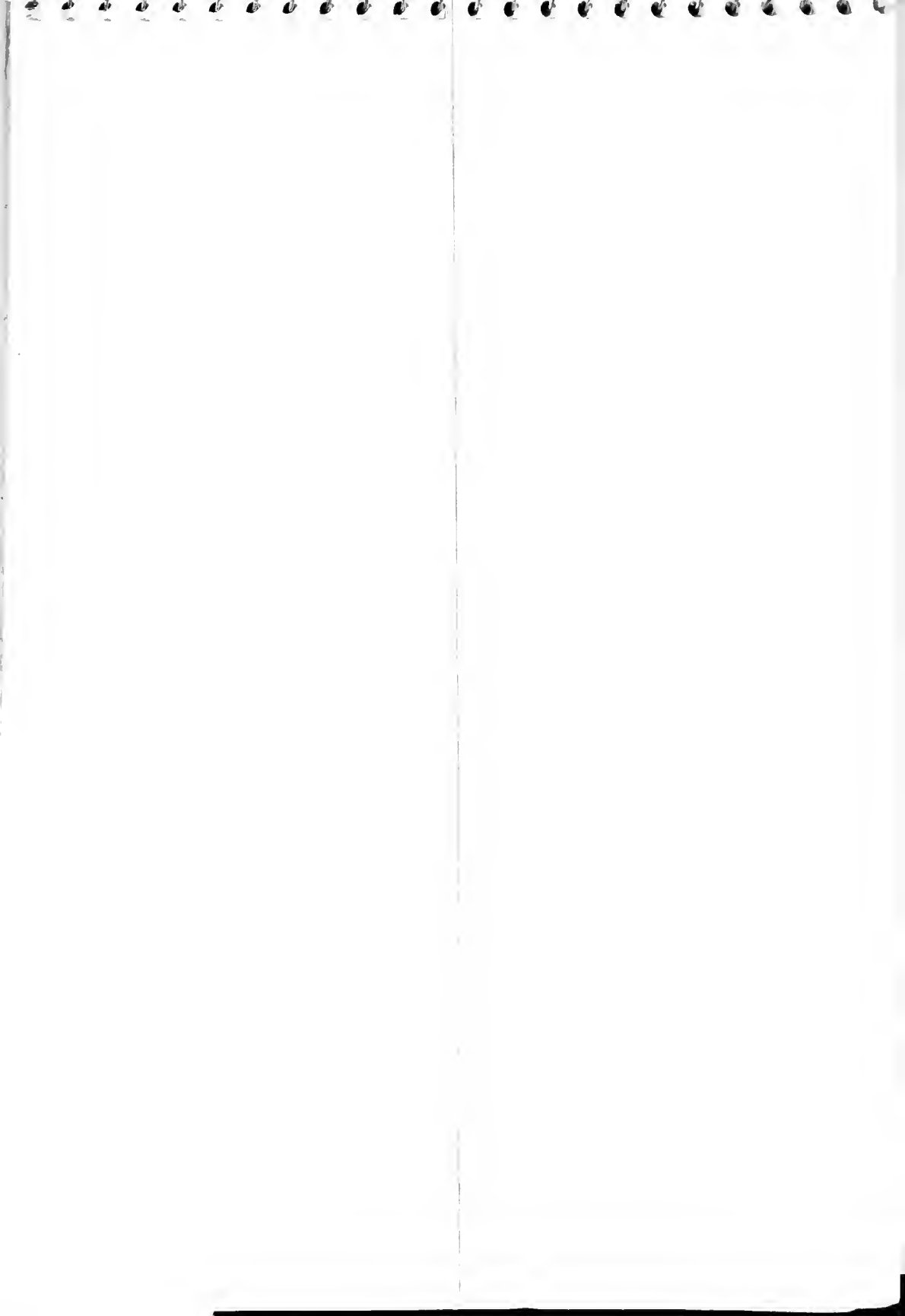
7/31/45

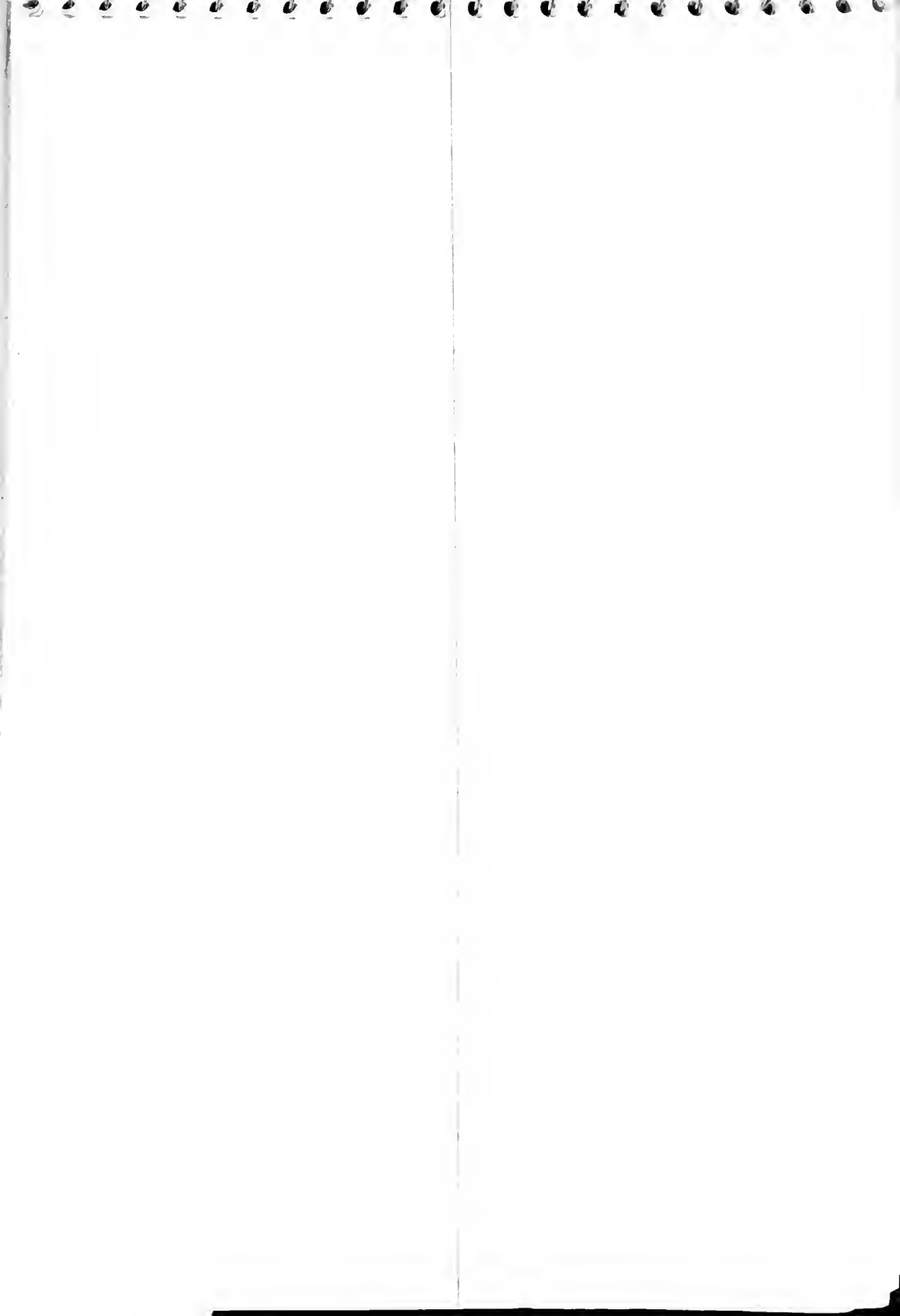
1 ~~2~~ ³

top 1' bed
bed

burrowed, some fossil concentrate bearing lime
in 1' to 3' beds no large reef
dolomite slightly pinkish grey







(50)



concreted, w/ calcareous, unfor
 LS + siltstone, w/ wavy bedding with
 a few (5) LS ridges of beds of 2"-3"

5/31/95 - HJ

5/31/95 - H

LS, xentocline and cross bedded (photo)

Heavy shal/siltstone, 1" beds, v. sandy/silty

5/31/95 G

Calcareous, some w/ pebbles

LS/dol. blocky weathering, Lexington gray?
 little shale

35'

Area

10'

6"

10

5'

1 1/2'

2'

3'

12'

3'

Br. ...

7. 11. 11.

for

11. 11. 11.

(11. 11. 11.)
11. 11. 11.
11. 11. 11.

7/2/45

Section 1/4

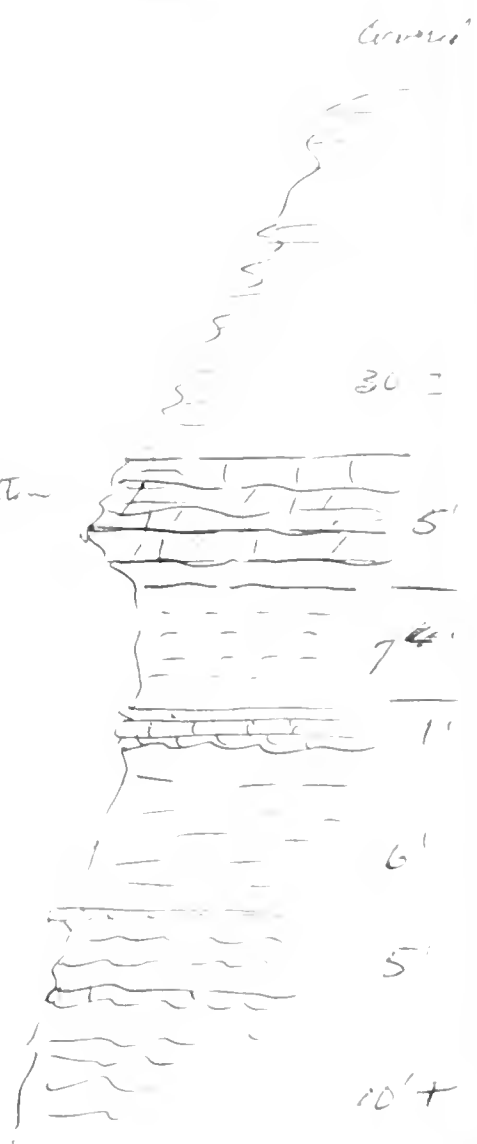
2

Footly exposures 15 + 20 ft

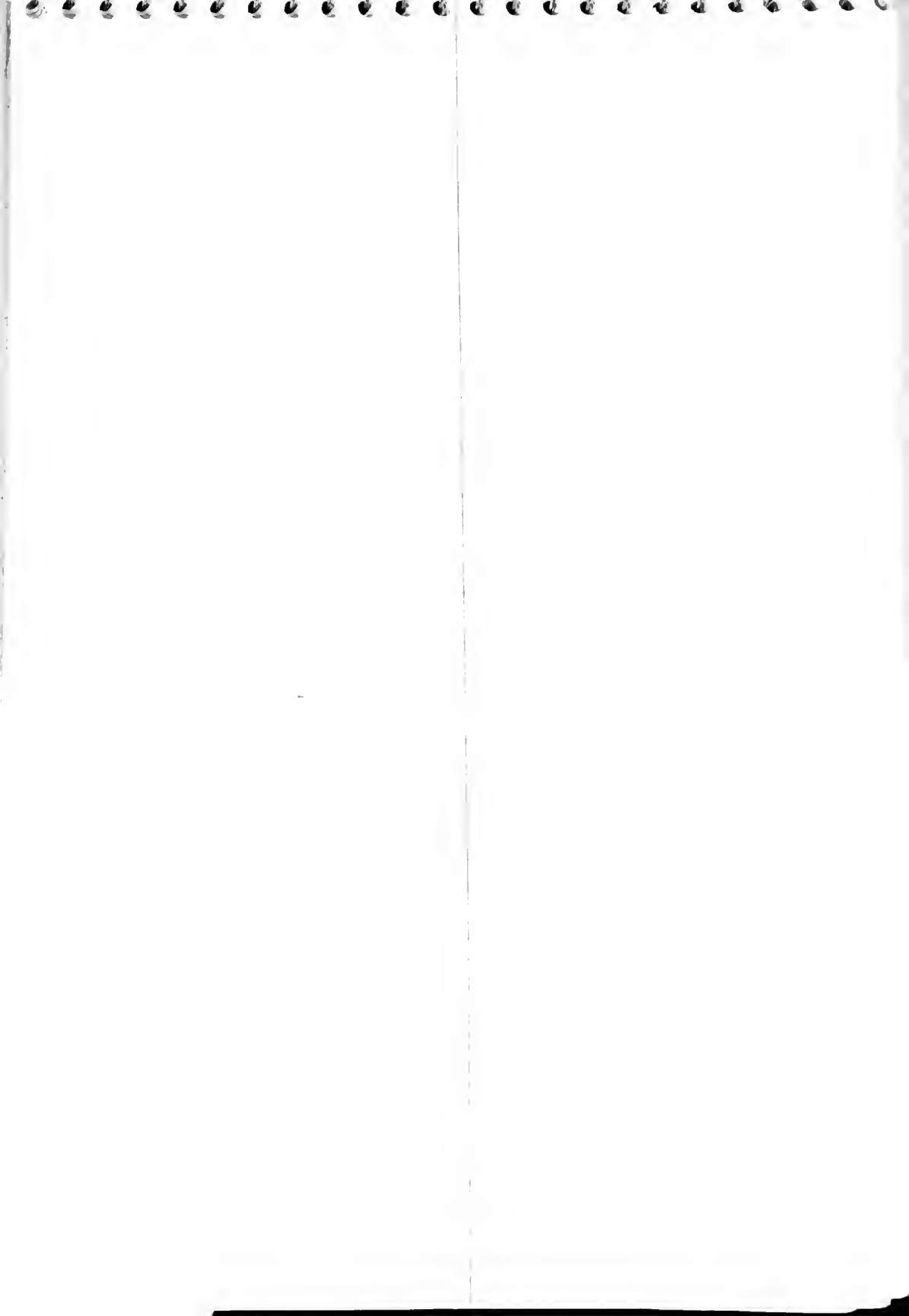
LS prominent ledge on 2nd road from bottom

LS + siltst + blue gray siltstone

Siltst, nodular ls, with a few ls layers at base



Covered below



5/31/45

Bridgeport, N.Y.

Hard road cut

This section enters the thick sandstones of the ... & the 'upper' ... section. ... top part of ... road ... toward the east ... section as thin ... because it has ... at lower

5' seen

lowest, lower 2' ripple ... with some silty interbeds, upper 8' ...

dark ... + blk shale with many small 1/4 - 1/2" nodules

Shaly contact
? Transgressive beds 1 1/2 to 2'
②
Siltstone, some 1" ls nodules
bas,

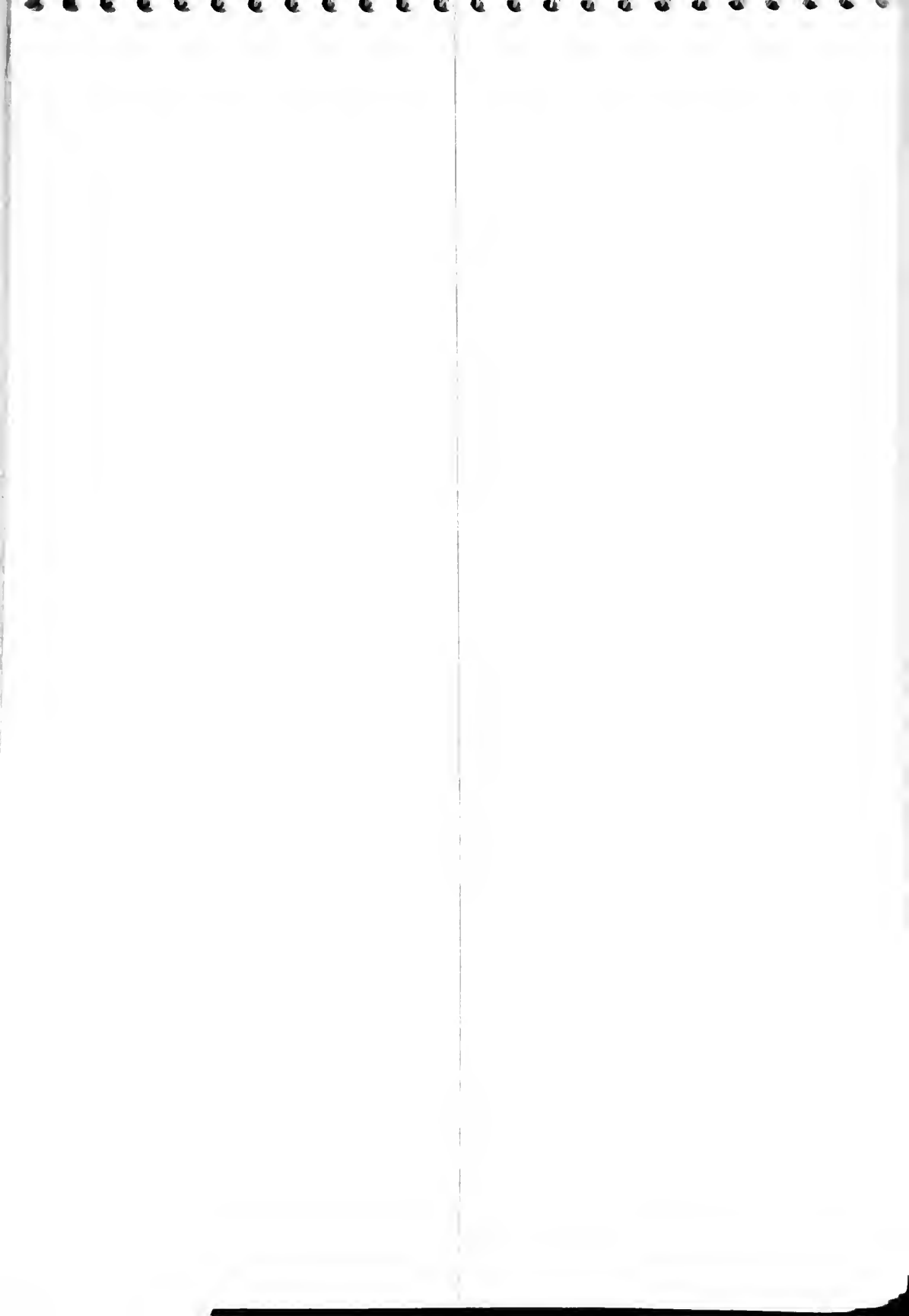
Siltst + ls, iron stains



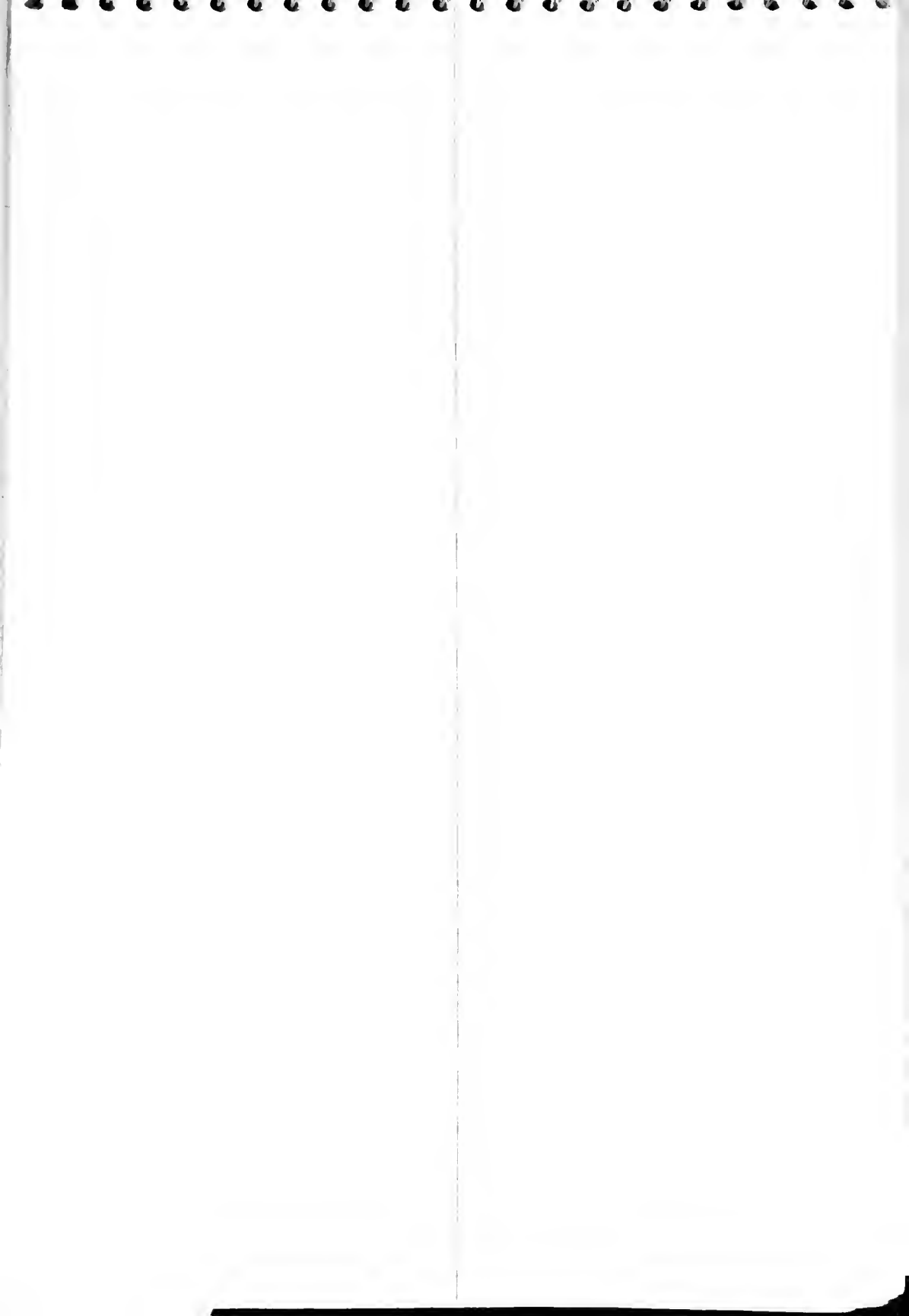
[illegible]

QWC 6/17/95-A

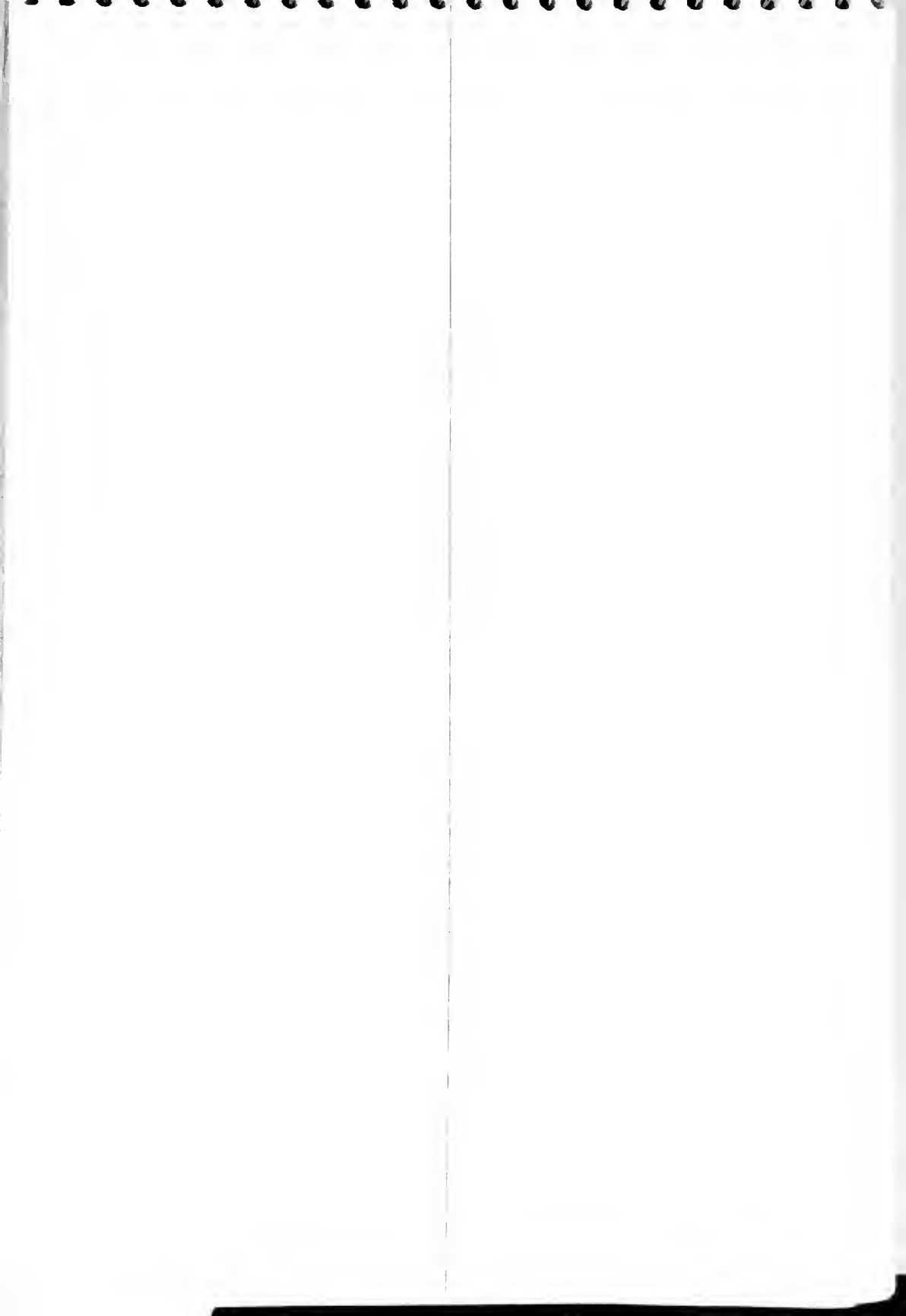


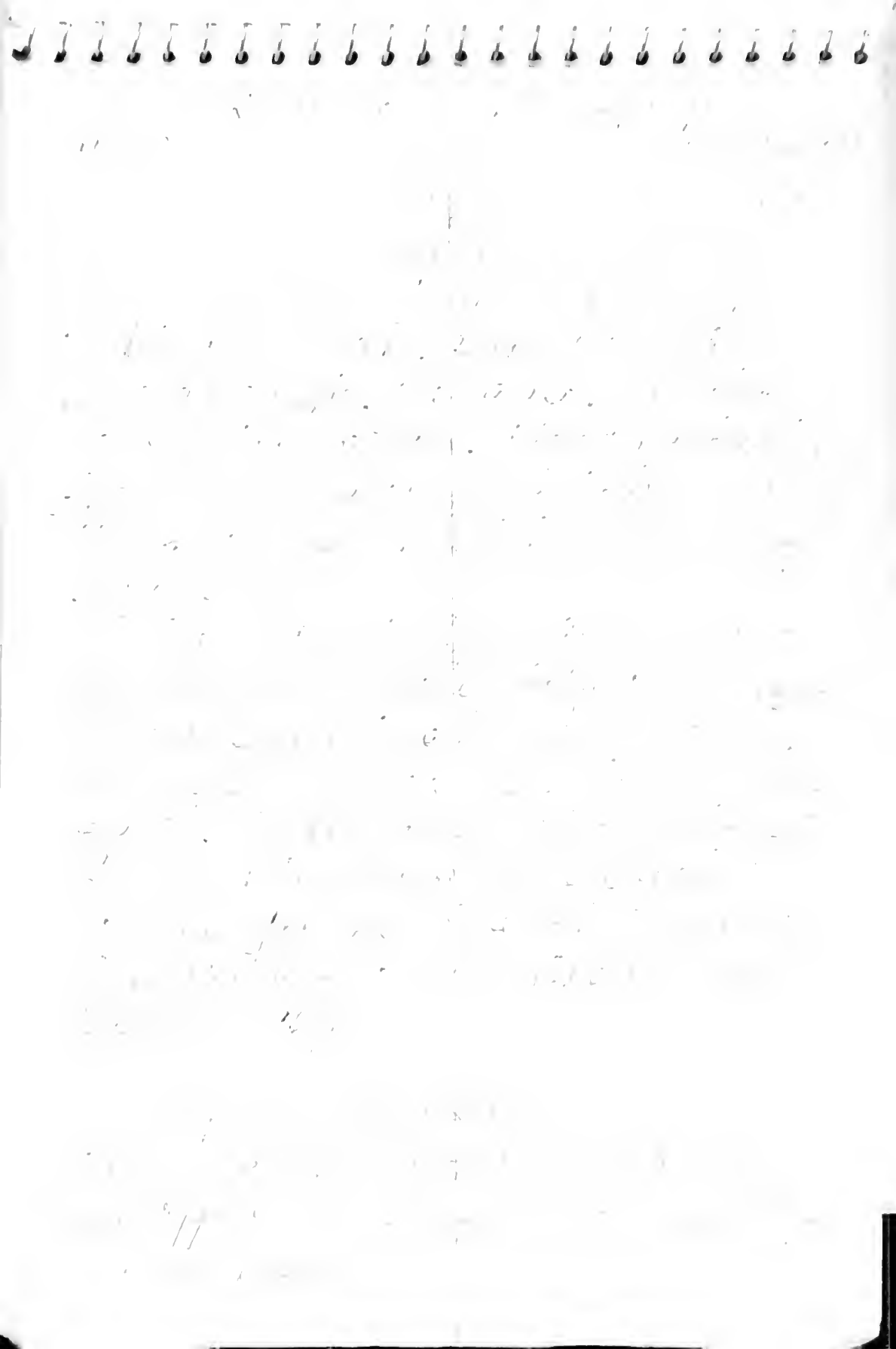


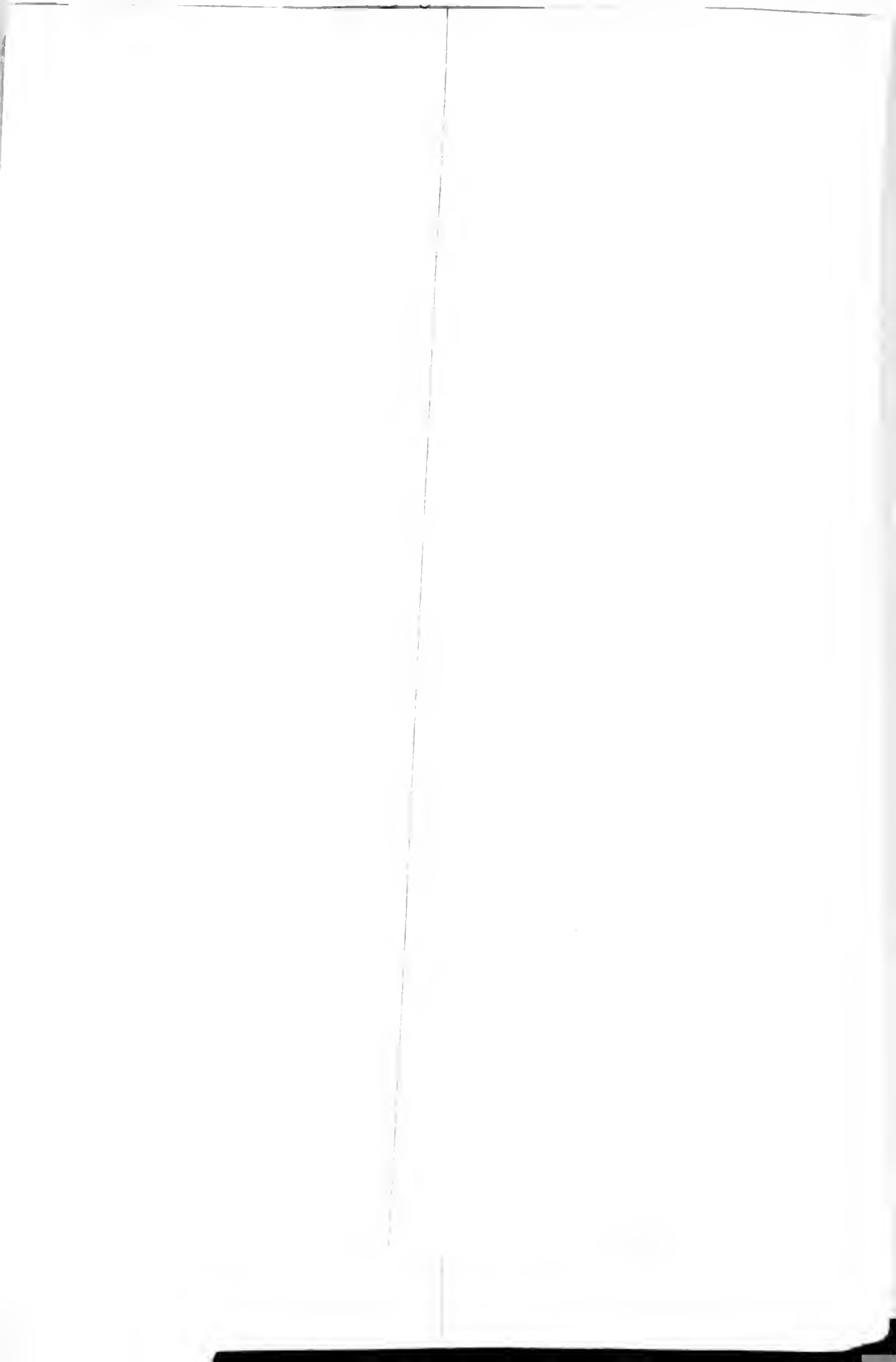
The Underwood











under attack

A



iron-steel
sample

B

Wolke

Melting point

Eureka



sample number



2001

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84



